

**From:** [Mueller, Brian](#)  
**To:** [Jonathan Carroll](#)  
**Cc:** [Werner, Robert](#); [Moran, Gloria](#); [Moore, Gary](#)  
**Subject:** Human Health and Ecological Risk Assessment of AOC4  
**Date:** Monday, July 14, 2014 3:32:00 PM  
**Attachments:** [Falcon Refinery HHRA memo for AOC4 6-12-14 revised draft.docx](#)  
[Falcon Refinery SMDP for AOC4 6-5-14 draft ver 1.docx](#)  
[Falcon Refinery AOC-4 SLERA Rev 01\\_04Jun14.pdf](#)  
[Falcon HHRA AOC-4 Rev 01\\_Final\\_15May14.pdf](#)

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Mr. Carroll

Attached are the final draft Human Health Risk Assessment and Ecological Risk Assessment for AOC 4 (Dock Area) prepared by EPA's contractor. Also included is a memorandum prepared by EPA's Risk Assessor on each risk assessment. As you are aware the groundwater sample taken at AOC 4 indicates that arsenic is above the MCL of 10 ppb. Our initial conclusion is that the arsenic issue can be addressed by establishing institutional controls such as deed restriction on the use of groundwater for human consumption at the site and that there is no need for remedial action on the dock area based on the currently available information.

Thanks

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